1   a data store having a plurality of directory entries;

2   a web server having an API coupled to said data store, for
3   sending a query to said data store and receiving a directory
4   entry; and

5   a wrapper coupled to said API for accepting said query from a
6   user application.

7   2. (original) The apparatus of claim 1, wherein said data store
8   is a relational database.

9   3. (original) The apparatus of claim 1, wherein said data store
10   is an LDAP data store.

11   4. (original) The apparatus of claim 1, wherein said web server
12   has a plurality of API coupled to said data store, each API
13   adapted to send said query to said data store and receive one of
14   said plurality of directory entries.

15

16   5. (original) The apparatus of claim 4, further comprising a
17   plurality of wrappers each said wrapper coupled to one or more of
18   said plurality of API, and each said wrapper adapted to accept
19   said query from one of a plurality of user applications.

20   6. (original) The apparatus of claim 5, further comprising an
21   API locator on said web server for selecting one of said

1　plurality of API in response to said query from said one of said
2　plurality of said user applications.

3　7. (original)　The apparatus of claim 1, wherein said API is
4　adapted to receive one of said plurality of directory entries
5　from said data store and send said one of said directory entries
6　to said user application.

7　8. (original)　The apparatus of claim 7, wherein said API is
8　adapted to send said one of said directory entries to said user
9　application through said wrapper.

10　9. (original)　The apparatus of claim 7, wherein said API is
11　adapted to receive said one of said plurality of directory
12　entries in response to said query.

13　10. (original)　A method of providing directory service to a user
14　application, said method comprising the steps of:

15　providing a data store having a plurality of directory entries;

16　providing a web server having an API coupled to said data store
17　and a wrapper coupled to said API;

18　receiving at said wrapper a query from a user application, and in
19　response thereto sending said query from said wrapper to said API
20　and thereafter to said data store; and

1   receiving at said API a directory entry from said data store in

2   response to said query, and sending said directory entry to said

3   user application.

4   11. (original) The method of claim 10, wherein said data store

5   is provided as a relational database.

6   12. (original) The method of claim 10, wherein said data store

7   is provided as a LDAP data store.

8   13. (original) The method of claim 10, wherein said web server

9   is provided having a plurality of API coupled to said data store,

10   each API adapted to send said query to said data store and

11   receive one of said plurality of directory entries.

12   14. (original) The method of claim 13, further comprising the

13   step of providing an API locator coupled to said wrapper and said

14   plurality of API for determining to which one of said plurality

15   of API said wrapper should send said query.

16   15. (original) The method of claim 13, further comprising the

17   step of providing a plurality of wrappers, each said wrapper

18   coupled to one or more of said plurality of API, and each said

19   wrapper adapted to accept said query from one of a plurality of

20   user applications.

21   16. (original) The method of claim 10, further comprising the

1   step of receiving one of said plurality of directory entries from

2   said data store and sending said one of said directory entries to

3   said user application.

4   17. (original) The method of claim 16, further comprising

5   sending said one of said directory entries to said user

6   application through said wrapper.

7   18. (original) A computer system for providing enterprise

8   directory service, said system comprising:

9   means for providing a data store having a plurality of directory

10   entries;

11   means for providing a web server having an API coupled to said

12   data store and a wrapper coupled to said API;

13   means for receiving at said wrapper a query from a user

14   application, and in response thereto sending said query from said

15   wrapper to said API and thereafter to said data store; and

16   means for receiving at said API a directory entry from said data

17   store in response to said query, and sending said directory entry

18   to said user application.

19   19. (original) The system of claim 18, further comprising an API

20   locator on said web server for selecting said API in response to

21   said query from said user application.

1   20. (original) A computer program product for instructing a
2   processor to provide enterprise directory service, said computer
3   program product comprising:

4   a computer recordable medium:

5   first program instruction means for providing a data store having
6   a plurality of directory entries;

7   second program instruction means for providing a web server
8   having an API coupled to said data store and a wrapper coupled to
9   said API;

10   third program instruction means for receiving at said wrapper a
11   query from a user application, and in response thereto sending
12   said query from said wrapper to said API and thereafter to said
13   data store; and

14   fourth program instruction means for receiving at said API a
15   directory entry from said data store in response to said query,
16   and sending said directory entry to said user application; and
17   wherein

18   all said program instruction means are recorded on said medium.

19   21. (original) The computer program product of claim 19, further
20   comprising fifth program instruction means for providing a
21   wrapper coupled to said API for receiving said query from said
22   user.